

# Converting Colors

Hex(9F5EDB)

Have a look what the booklet for  
Hex(9F5EDB) contains.

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# Color

Hex(9F5EDB)

# Conversions

## Conversions Part 1

Format	Color
Hex	9F5EDB
RGB	159, 94, 219
RGB Percent	62%, 37%, 86%
CMY	0.3765, 0.6314, 0.1412
CMYK	0.27, 0.57, 0.00, 0.14
HSL	271°, 63%, 61%
HSV	271°, 57%, 86%
XYZ	31.0870, 20.4908, 69.3345
YIQ	127.6850, -1.3850, 52.6550

# Conversions

## Conversions Part 2

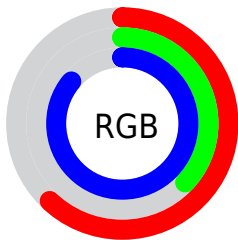
Format	Color
R <sub>Y</sub> B	159, 94, 219
Decimal	10444507
CIE Lab	52.39, 49.72, -54.16
CIE LCh	52, 73.519, 312.555
Yxy	20.4908, 0.2571, 0.1695
Android (android.graphics.Color)	4288634587 (0xFF9F5EDB)
YUV	127.6850, 45.0183, 27.4633
Hunter-Lab	45.2668, 43.3680, -59.1269

# Details

The Hex color **9F5EDB** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **9ADB5E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D993FF**, and **672BA3** is the 20% darker color. If you saturate the color by 10%, you get **9448DB**, and if you desaturate by 10%, it is **AA74DB**.

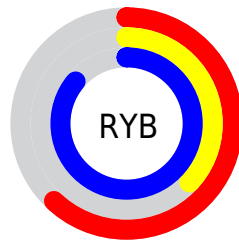
# Distribution



Red (62%)

Green (37%)

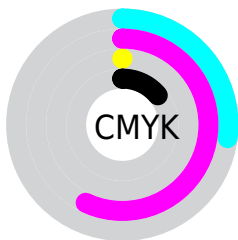
Blue (86%)



Red (62%)

Yellow (37%)

Blue (86%)

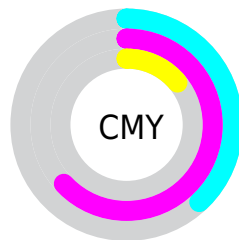


Cyan (27%)

Magenta (57%)

Yellow (0%)

Black (14%)



Cyan (38%)

Magenta (63%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F5EDB changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9F5EDB by changing the saturation by 10% instead.



9F5EDB

9F5EDB

FFFFFF

8344BF

D993FF

672BA3

F6AEFF

4C0E88

FFCAFF

2F006E

FFE7FF

120055

00003D

000326

00010F

000000

 9F5EDB

 9F5EDB

 9448DB

 AA74DB

 8A32DB

 B48ADB

 7F1CDB

 BFA0DB

 7506DB

 C9B6DB

 7200DB

 D4CCDB

 DEE1DB

 E9F7DB

 F3FFDB

 FEFFDB

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



007CFA



9F5EDB



D93AA4

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9F5EDB



B56C00



009897

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9F5EDB



9ADB5E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009655



9F5EDB



7F8300

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9F5EDB



DB4C29



309006



0097D2

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9F5EDB



E92C7A



309006



009881



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9F5EDB



EAD4FF



5E9ADB



736680



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9F5EDB



AC52FF



DB5ED9



68636E



5A00AD



18002E



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DB5E9A



FF52A5



5EDB60



6E6368



AD0053

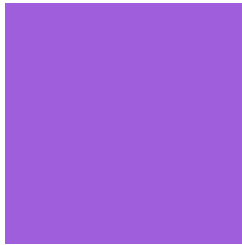


2E0016



# Previews

## White Background



This preview shows how the Hex color 9F5EDB looks on a white background.

## Color Contrast Check

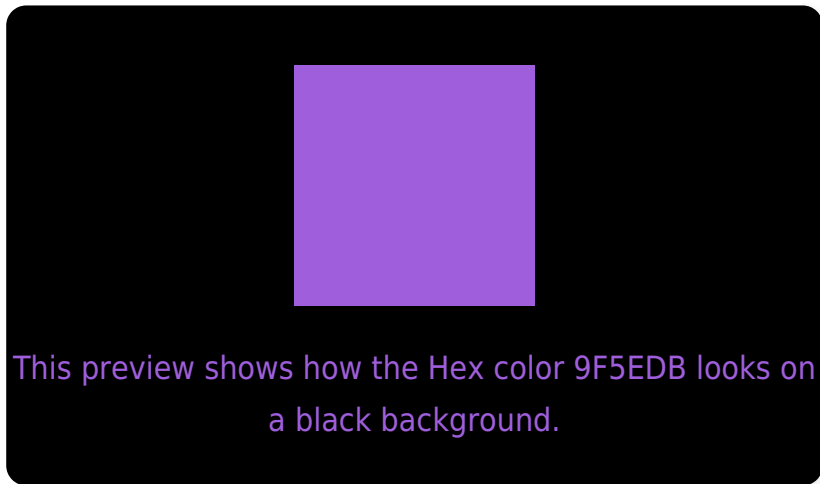
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9F5EDB Background



This preview shows how black text looks on a background with the Hex color 9F5EDB.

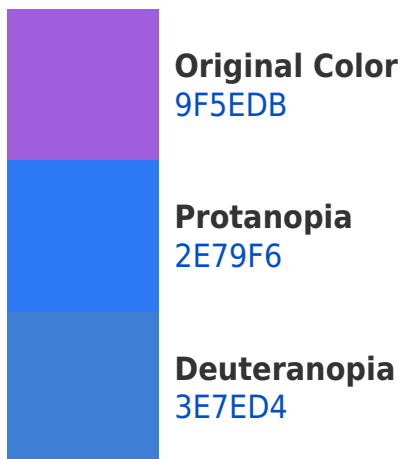


This preview shows how white text looks on a background with the Hex color 9F5EDB.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

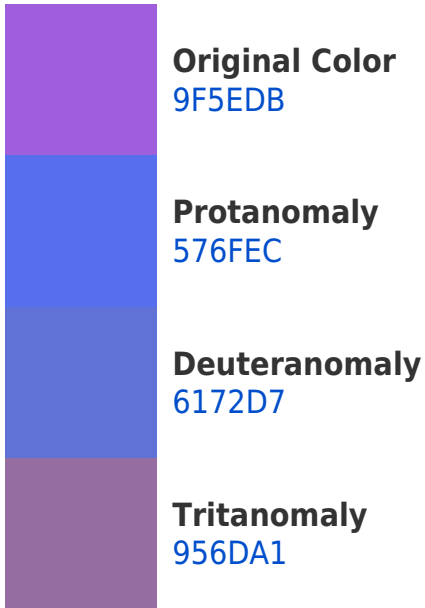
## Dichromacy



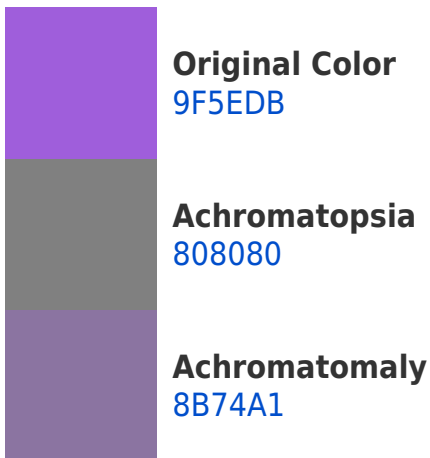


**Tritanopia**  
8F7680

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F5EDB is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9F5EDB looks like.

```
.text, #text, p{  
    color:#9F5EDB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9F5EDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F5EDB
}
```

## Border

The CSS property to change the border of an element to Hex 9F5EDB is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F5EDB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9F5EDB }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #9F5EDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F5EDB; -webkit-box-shadow:4px 4px  
4px 4px #9F5EDB; box-shadow:4px 4px 4px  
4px #9F5EDB }
```

# Background

The CSS property to change the background color of an element to Hex 9F5EDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F5EDB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9F5EDB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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